

Supplementary Table 2. Summary of Retinal Dystrophy primer library design

Candidate genes for targeted sequencing	184
Number of submitted targets	2,827
Number of exons in complete design	2,078
Number of amplicons in complete design	3071
Total number of amplicon bases in complete design	921,989
Total number of unique loci bases in complete design	560,253
Percent of unique loci bases covered	99.89%
Number of MP* amplicons in complete design	35

Note: *Primers can be mapped to multiple locations in the genome due to sequence similarity. Primers of genes which can be mapped to multiple locations are as follows: OPN1LW, OPN1MW.